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**RICHARD NEWTON HILL, JR.**

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APR - 3 2007

**Fax**

To: Mr. Charles Freay

From: RICHARD N. HILL, JR.

Fax: 1-571-273-8300

Pages: 16

Phone: 1-571-272-4827

Date: April 03, 2007

Re: U.S. PATENT APPLICATION NO. 10/600701

[ X ] Urgent [ X ] For Review [ X ] Please Comment

• Comments

Dear Chuck,

Attached is a copy of my "Response To Final Rejection" of March 30, 2007. I did not file an appeal yet as I cannot ask for a pre-appeal review with this response pending. As of March 31, 2007, I have moved into the 5<sup>th</sup> month of final rejection. I am faxing these copies to you, Ms. Young and Mr. Stashick in hopes of reaching a speedy resolution without the need of an appeal. I have included an End Note, which is a copy of the patent claims as written by you. You say you will issue the patent this way, however, by adding these additional claims to the independent claim 45, the patent is so easily written around as to be worthless hence my concerns and need for appeal if we cannot resolve this issue.

The crux of my invention is the weighted piston as shown in Figures 1-3. This ballast-weighted piston will be made of materials such as lead, expended uranium – which is heavier than lead – iron ore slag, pig iron, concrete or any mix of these and other materials bonded together with a binder such as cement. Figure 4 shows my piston with an air check valve, which is the point of contention with you. You say you will issue the patent with this feature in the independent claim 45. Seawater is a mixture of salt water and air. So this may be a good feature with a tight fitting piston with "O" rings where the air that separates from the seawater in the pumping chamber accumulates and causes airlock. Conversely, you do not note I show a piston with no "O" rings or air check valve in Figure 5. The piston in Fig. 5 is just a large weighted mass. I would anticipate this would be the case when my piston reaches diameters of 30-40 feet. They will be so large as to eliminate the need for both airlock check valve and "O" rings.

April 3, 2007

March 29, 2007

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Application No. 10/600701

Confirmation No.

Applicant: Richard Newton Hill, Jr.

Filed: June 23, 2003

TC/A.U.: 3746

Examiner: Charles G. Freay

Commissioner Of Patents  
P O. Box 1450 AE  
Alexandria, Va. 22313-1450

Subject: RESPONSE TO FINAL REJECTION

Sir/Madam:

Please find the following -

**RESPONSE TO FINAL REJECTION**

I am canceling claims 22-44 and have rephrased the claims, now starting with claim 45, to conform to the best of my ability to the crafting and semantics provided by the examiner, Mr. Freay, in his "Examiner's Proposed Amendment". The examiner, Mr. Freay, said he would issue my patent if I accepted his proposed amendment. Applicant alleges the examiner's amendment is easily "written around", thus has taken his wording and semantics deleted items and made changes to some words in the amendment to prevent "write around." The examiner's original "Proposed Amendment" is attached for reference as an endnote to this correspondence.

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